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J6872 U.S. PTO
10/006607
11/30/01



APPLICATION FOR U.S. PATENT TRANSMITTAL FORM

November 30, 2001
 Box PATENT APPLICATION
 Commissioner for Patents
 Washington, D.C. 20231

Express Mail label number under 37 C.F.R. § 1.10:
 EK338727604US

Dear Sir:

Transmitted herewith for filing is the patent application of:
 Inventor(s): Staszewski et al

For: Frequency Synthesizer With Digitally-Controlled Oscillator

Enclosed are a patent application including 25 pages of specification, 12 sheets of Informal drawings, Letter to Draftsman with formal drawings, an Information Disclosure Statement, an executed Declaration and Power of Attorney, as well as an Assignment (with cover sheet) of the invention to TEXAS INSTRUMENTS INCORPORATED, P.O. Box 655474, MS3999, Dallas, Texas 75265.

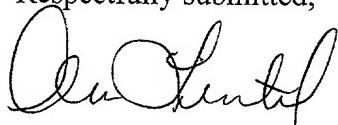
FEE CALCULATION					FEE
Basic Fee					740
	Number		Extra	Rate	
Total Claims	30	20	10	18	180
Independent Claims	6	3	3	84	252
TOTAL FEES					1172

Please charge deposit account No. 20-0668 in the amount of the Total Fees set forth above. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to said deposit account. **A duplicate copy of this sheet is enclosed.**

All correspondence regarding this application may be directed to Applicants' attorney at **Customer number 23494**, or at the below listed telephone number and address.

Ronald O. Neerings
 Texas Instruments Incorporated
 P.O. Box 655474, M/S 3999
 Dallas, Texas 75265
 (972) 917-5299

Respectfully submitted,



Alan W. Lintel
 Reg. No. 32,478

Jc872 U.S. PRO
10/006607
11/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Staszewski et al
Serial No.: not assigned
Filing Date: November 30, 2001
Group Art Unit: not assigned
Examiner: not assigned
Title: FREQUENCY SYNTHESIZER WITH DIGITALLY
CONTROLLED OSCILLATOR

Honorable Commissioner of
Patent and Trademarks
Washington, D.C. 20231

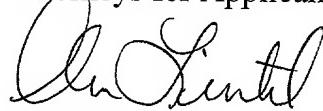
Express Mail Certificate No: EK338727604US

LETTER TO THE OFFICIAL DRAFTSPERSON

Dear Sir:

Enclosed herewith are the formal drawings for the subject application, for replacement of those filed with the enclosed application.

Respectfully submitted,
Anderson, Levine & Lintel, L.L.P.
Attorneys for Applicant



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